

94 impingement cooling said first section with a fluid to increase a cooling rate of said first section relative to a cooling rate of said second section.

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8. (Once Amended) A method of adjusting the cooling rate of a forging during quenching, comprising the steps of:

95 providing a forging having a first section with a first cooling rate and a second section having a second cooling rate; and

impingement cooling said first section with a fluid in order to minimize a differential between said first cooling rate and said second cooling rate.

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15. (Once Amended) An apparatus for quenching a material, the material having a first section and a second section, said apparatus comprising:

96 a support for receiving the material; and

an outlet having a size and a location adjacent said support such that a fluid exiting said outlet impingement cools the first section of the material, so that a cooling rate of the first section increases relative to a cooling rate of the second section.

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Add the following new claims 21 and 22.

21. (Newly Added) The method as recited in claim 1, further comprising the step of  
97 impingement cooling said second section.

22. (Newly Added) The method as recited in claim 8, further comprising the step of  
impingement cooling said second section.

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